

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S173	2400	(257/99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 11:29
S174	861	(257/100).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S175	390	(257/E33.075).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S176	305	S175 and @ad<"20030228"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S177	77	S175 and @rlad<"20030228"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S178	2019	(362/294).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 10:19
S179	330	S178 and (LED light adj emitting adj (chip diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S180	390	(257/E33.075).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S181	351	(257/E33.057).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S182	317	S181 not S175	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S183	254	S182 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07

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S184	144	S174 and (PCB print adj substrate printed adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S185	93	S184 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S186	277	S173 and (PCB print adj substrate printed adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S187	181	S186 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S188	507	(masaru near3 sugimoto).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S189	124	(hideyoshi near3 kimura).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S190	152	(eiji near3 shiohama).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S191	72	S183 and (PCB print adj substrate printed adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:21
S192	92	(hashimoto near3 takuma).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S193	67	S185 not (S191 S175)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S194	101	S188 and (light adj emitting LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07

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S195	50	S194 not (S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S196	51	S189 not (S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S197	72	S190 not (S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S198	77	(257/E33.056).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S199	12	("4727649").URPN.	USPAT	OR	ON	2006/05/22 09:07
S200	2	("4268113" "4326771").PN	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 09:07
S201	122	S187 not (S185 S191 S175)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S202	254	S182 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:57
S203	329	S176 S177	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S204	301	S179 not S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S205	126	(257/E33.058).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S206	117	S205 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07

## EAST Search History

S207	578	(257/E33.066).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S208	462	S207 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S209	363	S208 not (S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S210	600	(257/E33.059).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:07
S211	496	S210 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:07
S212	395	S211 not (S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:57
S213	2	"20040122840"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 09:57
S214	1642	(257/79).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 09:57
S215	125	S214 and (PCB print adj substrate printed adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:01
S216	69	S215 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:02
S217	54	S216 not (S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:02

## EAST Search History

S218	2495	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 10:00
S219	199	S218 and (PCB print adj substrate printed adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:01
S220	139	S219 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:20
S221	89	S220 not (S216 S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:20
S222	927	(362/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 10:19
S223	177	S179 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:33
S224	154	S223 not (S220 S216 S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:33
S225	455	S222 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:39
S226	41	S225 and light adj emitting adj (diode element device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:38
S227	35	S226 not (S223 S220 S216 S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 10:39
S228	5039	(PCB print adj substrate printed adj circuit adj board) and light adj emitting adj (diode element device) and (enclosure package)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:22

## EAST Search History

S229	4094	S228 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:20
S230	3915	S229 not (S226 S223 S220 S216 S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:21
S231	298	S230 and "257"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:20
S232	1118	(372/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 11:20
S233	952	S232 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:34
S234	922	S233 not (S229 S226 S223 S220 S216 S211 S208 S190 S205 S189 S194 S185 S191 S175 S192)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:21
S235	1352	(257/713).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/22 11:21
S236	34	S234 and (PCB print adj. substrate printed adj. circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:22
S237	26	S235 and light adj. emitting adj. (diode element device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:25
S238	1911	S173 and (@ad<"20030228" @rlad<"20030228")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 11:34
S239	4	("20020163001" "20020163006" "20030189830" "6501103").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 11:46
S240	7	("6501103").URPN.	USPAT	OR	ON	2006/05/22 11:58
S241	0	("6930332").URPN.	USPAT	OR	ON	2006/05/22 11:58
S242	4	("20020163001" "20020163006" "20030189830" "6501103").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 11:59

## EAST Search History

S243	9	("5223747" "6084252" "6121637" "6169295" "6180962" "6281435" "6335548" "6342670" "6362964").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 12:18
S245	2	11-298048	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 13:07
S246	4	"11298048"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/22 13:07